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**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

DATE: February 3, 2003

SUBJECT: **POLREP 38** Industrial Highway/Conservation Chemical Site, Gary, Lake County, IN

FROM: Steve Faryan, OSC, U.S. EPA, Region 5, ERB, RS1, Chicago, IL

TO: R. Worley, U.S. EPA, (OSWER) (worley.ray@epa.gov)
R. Karl, U.S. EPA, Chief ERB, Chicago, IL (karl.richard@epa.gov)
W. Messenger, U.S. EPA, Chief ESS, Chicago, IL (messenger.william@epa.gov)
A. Marouf, U.S. EPA, H&S, Chicago, IL (marouf.afif@epa.gov)
C. Kawakami, U.S. EPA, ORC (Kawakami.Cynthia@epa.gov)
V. Mullins, U.S. EPA, ESS (Mullins.Valerie@epa.gov)
J. Maritote, U.S. EPA, ESS, Chicago, IL (maritote.john@epa.gov)
B. Kush, U.S. EPA, Chief OPA, Chicago, IL (Kush.Beverly@epa.gov)
M. Joyce, U.S. EPA. Pubic Affairs Joyce.Mike@epa.gov
USGC Case Officer,NPFC, Washington, DC (EPAPOLREPS@Ballston.uscg.mil)
Paul Karas, Administrator, Gary Chicago Airport FAX: 219-949-0573

II. BACKGROUND

CERCLA Site No: Z590
CERCLIS ID Number: IND040888992
Delivery Order Number: 3141-25
Response Authority: OPA/CERCLA
OPA ID Number: FPN#: 098022
Account Number: 90
NPL Status: Not on NPL
IDEM Notification: Yes
Start Date: Sept 1998
Completion Date: Pending

III. SITE INFORMATION

A. See POLREP 1-37 for previous U.S. EPA removal actions.

IV. RESPONSE INFORMATION

A. Situation

1. Planned Activities:

Installation of the electrical wiring for the extraction well pumps will be completed inside the treatment building. ERRS will complete plumbing inside the water treatment building. Installation of electrical panels inside the well boxes will begin. ERRS will begin setting pumps inside extraction wells

Results for the soil bench test using fly ash and kiln dust has been received. The 15% lime kiln dust mixture was successful in reducing TCLP concentrations below 0.5mg/l for lead. The lime kiln dust will be procured from OMNI materials. Fixation of soil is tentatively scheduled for the first week of February.

2. Completed activities:

Wednesday, January 22, 2003, ERRS continued to install plumbing inside water treatment building and began procurement of a security/alarm system for the treatment building. The City of Gary performed an inspection of the electrical installation at the treatment building, noting minor additions/adjustments that need to be made before approval is received. Grading of the site roads and areas around the treatment building with stone continued.

Thursday, January 23, 2003, ERRS continued installing plumbing inside the treatment building and procurement of a security/alarm system for the treatment building. SBC began installing a phone line for the treatment building. Grading of the site roads and areas around the treatment building with stone continued.

Friday, January 24, 2003, ERRS continued installing plumbing inside the water treatment building. Grading of the site roads and areas around the treatment building with stone continued. SBC continued installing a phone line for the treatment building.

Monday, January 27, 2003, no work was performed.

Tuesday, January 28, 2003, ERRS continued to install plumbing inside water treatment building. Grading of site roads and areas around treatment building continued. ERRS began preparing waste soil for stabilization next week. Electrical contractor returned to site to modify electrical work per city inspectors request.

Wednesday, January 29, 2003, ERRS worked on installation of effluent line from inside water treatment building to outside storage tank. Electrical work inside water treatment building continued. ERRS continued to prepare waste soil for stabilization next week.

Thursday, January 30, 2003, ERRS worked on installation of effluent line from inside water treatment building to outside storage tank. Electrical work inside water treatment building continued. City inspector on site to inspect electrical work. Inspector requested that the electrical contractor ground electrical box and approved the work. ERRS continued to prepare waste soil for stabilization next week.

Friday, January 31, 2003, ERRS completed plumbing inside water treatment building and electrical contractor completed electrical work. Crushed stone was mobilized to the site and ERRS graded site roads and surfaces. ERRS installed first water pump in extraction well XW-4.

3. Enforcement:

Refer to Action Memorandum

B. Next Steps

Lime kiln dust will be utilized to chemically fixate the excavated soil which failed TCLP for lead.

Disposal at Allied Waste has been approved once fixation is completed.

Install pumps in wells and install electrical boxes in well vaults.

Fire up the Treatment System, Shakedown and Operation.

C. Key Issues

Once the treatment systems are up and operational, U.S. EPA will operate the collection of oil for 3 years. At that time the Gary Chicago Airport will have to assess whether they will continue operation of the oil collection systems.

V. COST INFORMATION (estimated as of January 29, 2003)

A CERCLA Funding (Conservation Chemical)

	Total Cost To Date	Ceiling
ERRS	\$ 476,858.82	\$ 690,000.00

B. OPA Funding (Industrial Highway)

Total Cost To Date	Ceiling
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ERRS	\$ 1,224,664.40	\$ 1,500,000.00
START	\$ 31,170.08	\$ 41,275.00
Total	\$ 1,255,834.48	\$ 1,541,275.00

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. Waste Disposal

No waste has been disposed of as of January 31, 2003